

But if the impressions follow one another so quickly that they cannot be severally perceived, there ariseth out of them all one common sensation, which is neither of this Colour alone nor of that alone, but hath it self indifferently to 'em all, and this is a sensation of whiteness. By the quickness of the successions the impressions of the several Colours are confounded in the Sensorium, and out of that confusion ariseth a mixt sensation. If a burning Coal be nimbly moved round in a Circle with Gyration continually repeated, the whole Circle will appear like fire; the reason of which is, that the sensation of the Coal in the several places of that Circle remains imprest on the Sensorium, until the Coal return again to the same place. And so in a quick consecution of the Colours the impression of every Colour remains in the Sensorium, until a revolution of all the Colours be compleated, and that first Colour return again. The impressions therefore of all the successive Colours are at once in the Sensorium, and joyntly stir up a sensation of them all; and so it is manifest by this Experiment, that the commixt impressions of all the Colours do stir up and beget a sensation of white, that is, that whiteness is compounded of all the Colours.

And if the Comb be now taken away, that all the Colours may at once pass from the Lens to the Paper, and be there intermixed, and together reflected thence to the Spectators Eyes; their impressions on the Sensorium being now more subtilly and perfectly commixed there, ought much more to stir up a sensation of whiteness.

You

You may inf
and LMN, wh
the contrary wa
make the diver
as you see it re
where they mee
Light as when a

Let the Sun's
of a dark Chambl
first Book, and l
abc, held paral
tion that Image
than before, sup
colour T. And
Spectrum S will
Image PT; but
the Spectrum S
at length vanish
round and white
Colours will en
Now that Spectr
the rays of sever
ral parts of the l
refracted unequa
Prism to the Ey
same point of th
upon one and the
and there be min